

**FZGXL (FZGXLWT) FIXING**

**Frame fixing**

**FZGXL**



**Frame fixing with screw**

**FZGXLWT**



**Overview**

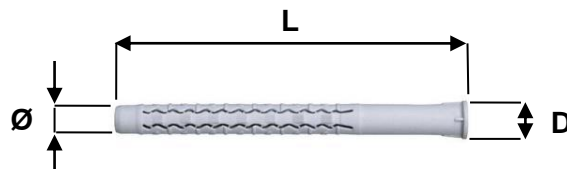
The FZGXL plug is a frame plug and it is highly versatile in application. In fact, thanks to the expansion of the sectors in four directions, the FZGXL plug guarantees great resistance values on any type of support, both solid and hollow.

It can be provided even with a screw Torx type with countersunk white galvanized head.

**Material**

Plug: HDPE - High density polyethylene.

**Fixing Dimensions**



CODE	ØxL	D	Hole Ø	Minimum anchor thickness
<b>FZGXL8X80</b>	8x80	10,6	8	85
<b>FZGXL8X100</b>	8x100	10,6	8	105
<b>FZGXL8X120</b>	8x120	10,6	8	125
<b>FZGXL8X140</b>	8x140	10,6	8	145
<b>FZGXL10X80</b>	10x80	13	10	85
<b>FZGXL10X100</b>	10x100	13	10	105
<b>FZGXL10X120</b>	10x120	13	10	125
<b>FZGXL10X140</b>	10x140	13	10	145
<b>FZGXL10X160</b>	10x160	13	10	165
<b>FZGXL10X200</b>	10x200	13	10	205
<b>FZGXL10X240</b>	10x240	13	10	245
<b>FZGXL10X260</b>	10x260	13	10	265

Note: All measurements are in millimeters, unless otherwise stated.



CODE	ØxL	D	Ø Foro	Misure Vite ØxL	Spessore minimo ancoraggio
FZGXLWT8X80	8x80	10,6	8	5,5x85	85
FZGXLWT8X100	8x100	10,6	8	5,5x105	105
FZGXLWT8X120	8x120	10,6	8	5,5x125	125
FZGXLWT8X140	8x140	10,6	8	5,5x145	145
FZGXLWT10X80	10x80	13	10	7x85	85
FZGXLWT10X100	10x100	13	10	7x105	105
FZGXLWT10X120	10x120	13	10	7x125	125
FZGXLWT10X140	10x140	13	10	7x145	145
FZGXLWT10X160	10x160	13	10	7x165	165
FZGXLWT10X200	10x200	13	10	7x205	205
FZGXLWT10X240	10x240	13	10	7x245	245
FZGXLWT10X260	10x260	13	10	7x265	265

All measurements are in millimeters, unless otherwise stated.

### Benefit

- Optimal distribution of the tensions on the support, thanks to the expansion of the sectors in four directions.
- The collar prevents excessive penetration of the plug into the hole.
- Wide range of temperatures (between -40°C and +80°C).
- Fast and easy installation.

### Application

- Concrete.
- Stone.
- Solid brick.
- Hollow wall.

Able to fix medium-high loads such as: insulation panels in polystyrene, cellular glass, mineral wool, polyurethane and other compression-resistant insulation materials.

### Packaging

CODE	Pcs/Box	Boxes/Carton	Carton/Pallet
FZGXL8X80	8x80	8	85
FZGXL8X100	8x100	8	105
FZGXL8X120	8x120	8	125
FZGXL8X140	8x140	8	145
FZGXL10X80	10x80	10	85
FZGXL10X100	10x100	10	105
FZGXL10X120	10x120	10	125
FZGXL10X140	10x140	10	145
FZGXL10X160	10x160	10	165
FZGXL10X200	10x200	10	205
FZGXL10X240	10x240	10	245
FZGXL10X260	10x260	10	265

Rev.3 23/09/2021 In order to improve the products, Bartolucci reserves the right to modify, at any time and without notice, the data contained in this document.



**Loads**

<b>MECHANICAL STRENGTH [kN]</b>			
<b>Code</b>	<b>Tensile strength on concrete C12/15</b>	<b>Tensile strength on concrete C16/20</b>	<b>Tensile strength on concrete C20/25</b>
<b>FZGXL8XL</b>	0,120	0,170	0,180
<b>FZGXLWT8XL</b>	0,120	0,170	0,180
<b>FZGXL10XL</b>	0,200	0,250	0,260
<b>FZGXLWT10XL</b>	0,200	0,250	0,260

Note: 1 kN = 100 kgf

The values reported are obtained from internal tests.

**WE RECOMMEND USING APPROPRIATE SAFETY COEFFICIENTS.**

**Installation**

- Drill the hole with a suitable diameter bit;
- Make sure the hole seat is clean;
- Insert the plug, taking care that the expansion takes place parallel to the edge if in proximity;
- Place the load to be fixed to the wall;
- Insert the screw and screw until the load is tightened.

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